



3 Courses

Probabilistic Graphical Models  
1: Representation

Probabilistic Graphical Models  
2: Inference

Probabilistic Graphical Models  
3: Learning

Stanford | ONLINE

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has successfully completed the online, non-credit Specialization

# Probabilistic Graphical Models

Probabilistic graphical models (PGMs) are a rich framework for encoding probability distributions over complex domains: joint (multivariate) distributions over large numbers of random variables that interact with each other. These representations sit at the intersection of statistics and computer science, relying on concepts from probability theory, graph algorithms, machine learning, and more.

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